

Rabbit anti-Human EPB41L2 Polyclonal Antibody | anti-EPB41L2 antibody

EPB41L2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324501	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

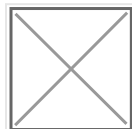
PRODUCT SYNONYMS

EPB41L2; Polyclonal Antibody; EPB41L2 Antibody; 4.1 G; 4.1G; AW555191; Band 4.1 like protein 2; Band 4.1-like protein 2; D10ErtD398e; DKFZp781D1972; DKFZp781H1755; E41L2_HUMAN; Epb41l2; Erythrocyte membrane protein band 4.1 like 2; Erythrocyte membrane protein band 4.1 like protein 2; Generally expressed protein 4.1; NBL2; OTTHUMP00000017197; OTTHUMP00000040262; anti-EPB41L2 antibody

PRODUCT SPECIFICATIONS

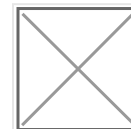
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	EPB41L2 antibody detects endogenous levels of total EPB41L2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	673
Applicable Applications for anti-EPB41L2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm > Cytoskeleton.
Tissue Specificity	Widely expressed.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324501 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using EPB41L2 antibody.



IHC (Immunohistochemistry)

AAA324501 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-EPB41L2 antibody	Function: Required for dynein-dynactin complex and NUMA1 recruitment at the mitotic cell cortex during anaphase (PubMed:23870127). Subunit Structure: Interacts with FCGR1A (PubMed:18023480). Interacts with TRPC4 (PubMed:16254212). Interacts (via CTD domain) with FKBP2 (By similarity). Interacts with NUMA1; this interaction is negatively regulated by CDK1 during metaphase and promotes anaphase-specific localization of NUMA1 in symmetrically dividing cells (PubMed:23870127).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	207113195
NCBI GeneID	2037
NCBI Accession #	NP_001129026.1
NCBI GenBank Nucleotide #	NM_001135554.1
UniProt Accession #	O43491; Q5T4F0; Q68DV2; B4DHI8; E9PPD9
Molecular Weight	Observed: 112 kD Predicted: 113 kDa
NCBI Official Full Name	band 4.1-like protein 2 isoform b
NCBI Official Synonym Full Names	erythrocyte membrane protein band 4.1 like 2
NCBI Official Symbol	EPB41L2
NCBI Official Synonym Symbols	4.1G; 4.1-G
NCBI Protein Information	band 4.1-like protein 2
UniProt Protein Name	Band 4.1-like protein 2
UniProt Gene Name	EPB41L2
UniProt Synonym Gene Names	4.1G

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/epb41l2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324501>